

ABSTRACT OF THE DISCLOSURE

A coupling for an air hose that reduces or eliminates whipping of the free end of the hose when the coupling is detached. The coupling comprises a one-piece plug member, the plug member comprising a fitting at a first axial end, the fitting being adapted for connection to an air hose, an external circumferential groove, a beveled external shoulder forming a wall of the groove, an axial bore, the axial bore being closed at a second axial end of the plug member, and a plurality of air passages intersecting the axial bore near the closed end of the bore; a two-piece coupler member, the coupler member receiving the plug member and releasably locking with the groove on the plug member; the coupler member comprising a ring seal trapped between the two pieces of the coupler member, and a valve member seatable on an axial side of the ring seal. The plug member, when coupled with the coupler member, extends at least partially through the ring seal, forms a seal with it, displaces the valve member, and puts the air passages in the plug member functionally on the same axial side of the ring seal as the valve member. The air passages in the plug member are preferably collectively larger in cross-section than the bore, and preferably direct air from the bore back toward the open end of the plug. The invention permits simple adaptation of existing couplings to the improved design by modifying only the plug and the valve.